

CONTENTS

雑誌名	Tohoku journal of agricultural research
巻	1
号	1
発行年	1950-03-01
URL	http://hdl.handle.net/10097/00098299

CONTENTS OF VOLUME I

U. Mizushima:	
Karyogenetic studies of species and genus hybrids in the tribe <u>Brassicaceae</u> of <u>Cruciferae</u>	1
On several artificial allopolyploids obtained in the tribe <u>Brassicaceae</u> of <u>Cruciferae</u>	15
Y. Toryu:	
Histological studies of glycogen in the hair of domestic animals with special reference to replacement of hair.....	29
Appearance of glycogen and Nissl's bodies in the nerve cells of the chick embryo.....	35
M. Umezu, K. Nobuto, N. Asami, T. Haga, K. Kamoto and T. Tuda:	
Judgement on the labouring ability of the horse infected with chronic "infectious anemia".....	43
M. Hatanaka and R. Okamoto:	
Studies on populations of the Japanese sand lance (<u>Ammodytes personatus</u> Girard).....	57
T. Imai, M. Hatanaka, R. Sato, S. Sakai and R. Yuki:	
Artificial breeding of oysters in tanks.....	69
R. Sato:	
Biological observation on the pond smelt, <u>Hypomesus olidus</u> (Pallas), in Lake Kogawara, Aomori Prefecture, Japan. I. Habits and age composition of the spawning fishes.....	87
Y. Tsuchiya:	
Physiological studies on the vitamin C content of marine algae.....	97
Y. Tsuchiya and H. Baba:...	
On the irritative odor emitted by <u>Dilsea edulis</u>	103
K. Shimura:	
Studies in the physical chemistry of amino acids and proteins.....	107
C. Furusaka:	
Studies on the dehydrogenases of butyric acid bacterium B ₂	113
K. Aso:	
Formation of 2-methyl-3-hydroxy-pyridine from furyl-methylketone.....	125
A. Fujiwara:	
Chemical constitution and availability of iron and aluminum phosphates.....	129
Chemical constitution and availability of iron, aluminum and calcium phosphates reprecipitated from solution.....	143

U. Mizushima:	
Study on sexual affinity among rice varieties, <u>Oryza sativa</u> L. II. Analysis of affinity of other Asiatic and Hawaiian varieties.....	151 151
H. Tamate:	
Histological studies of glycogen in the hair of mammals.....	161
Appearance of glycogen in skin and hair of ma- mml embryos.....	169
C. Matsudaira:	
The catalytic activity of sea-water. I. Method of determination and some physico-chemical charac- teristics.....	177
T. Iami, M. Hatanaka, and R. Sato:	
Breeding of marine timber-borer, <u>Teredo navalis</u> L., in tanks and its use for anti-boring test.....	199
Y. Tsuchiya and I. Takahashi:	
The content of connective tissue in fish muscles.	209
R. Sato:	
On feeding habits of the larva of pond smelt, <u>Hypomesus olidus</u> (Pallas).....	215
A. Fujiwara:	
Effects of heating and dehydration on the consti- tution and availability of scarcely soluble phos- phates. III. Studies on the constitutions and manurial effects of scarcely soluble phosphates.....	223
Aging of scarcely soluble phosphates during lond periods and its influence on availability. IV. Studies on the constitution and manurial effect of scarcely soluble phosphate.....	229